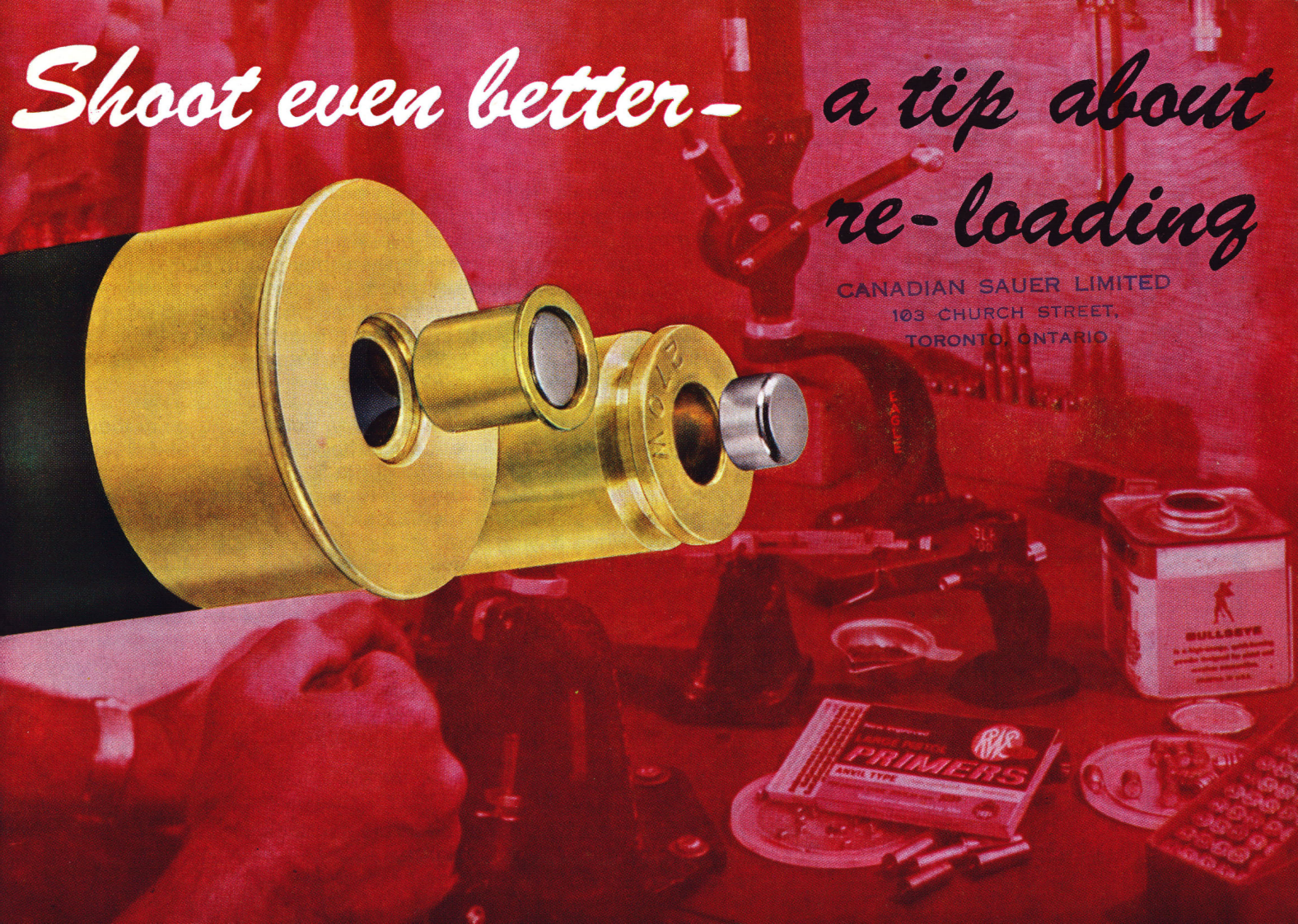
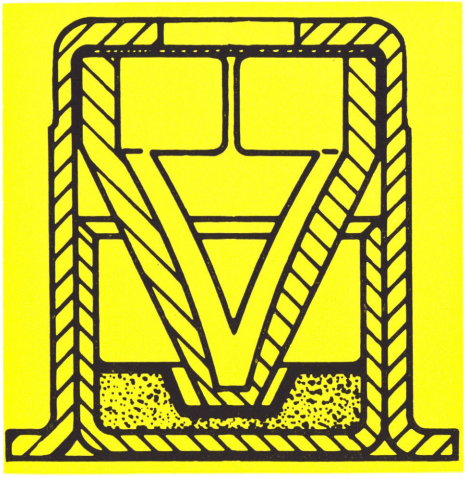
Shoot even better – a tip about re-loading



CANADIAN SAUER LIMITED
103 CHURCH STREET,
TORONTO, ONTARIO

RWS



PRIMERS

the best you can buy

a hobby for individuals, for marksmen who understand something about shooting. They load their cartridges themselves in order to achieve maximum efficiency. They want the best every time, because they are people who recognise and appreciate quality when they see it, and know that the quality of the priming is dependent upon the careful preparation of each powder charge producing the highest possible efficiency. Too weak a priming will result in hangfire. Too strong a priming impairs the weapon's accuracy and can increase the gas pressure to an extent that will cause serious damage to the weapon.

A correctly measured out priming transfers the powder charge at the necessary gas pressure before the bullet or shot has left the barrel. RWS now do all this for you with their RWS SINOXID Primers. The SINOXID Primer was the world's first chlorate and mercury-free primer, from which all later and similar primers have been developed. As you can see, we lead the way in the primer field. When buying, look for the RWS and SINOXID trade marks and be assured of first class quality.

With SINOXID Primers you get:

1. Stability and Unlimited Storability from Your Ammunition. The SINOXID priming compound is very stable: it will not decompose in hot and damp weather and also retains its sensitivity and igniting power in arctic cold. Extended storage under most adverse conditions will not affect its reliability.

2. Sure Firing The ingredients of the SINOXID priming compound can be varied to match every type of powder. This guarantees positive ignition and complete burning of the powder charge.

SINOXID

3. Shortest Bore Time The design of RWS Anvil Primers and the use of the SINOXID priming compound guarantee shortest bore time.

The wings of the Anvil project over the rim of the cup, and the primer therefore rests solidly on the bottom of the primer pocket. Thus, without delay, the firing pin energy is completely utilized for igniting the priming compound.

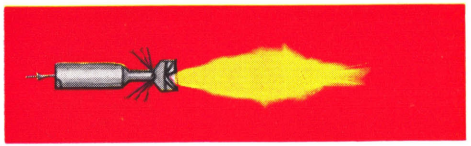
4. High Sensitivity The sensitivity of the SINOXID priming compound can be varied to meet all requirements and to guarantee sure functioning in all weapons.

5. Uniformity With every shot, the exact quantity and the uniform burning of the SINOXID priming compound generates identical pressure, gas volume and flame with burning particles of the compound. Therefore, it is possible to utilize the powder energy under the best possible conditions.

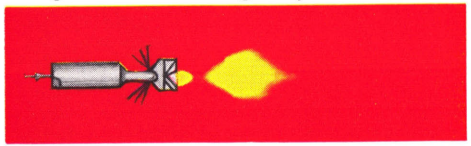
6. Rust Protection of Your Barrel The residues of the SINOXID priming compound do not attack the barrel steel but form a very thin coating which acts as a protection against atmospheric moisture. The value of your gun is maintained by less wear and better performance.

7. Exact Dimensions Rigid control of production insures that RWS Anvil Primers are released to the reloader only if their dimensions are within the standard limits. In this way any problems during feeding and repriming are eliminated.

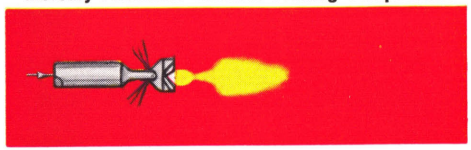
8. Safe Handling and Transport RWS Primers are packed in compliance with existing Safety Regulations and are therefore not liable to explode in bulk.



Original-SINOXID-Priming Composition



Mercury Fulminate-Chlorate-Priming Composition

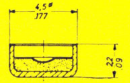
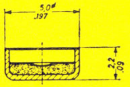
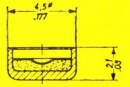
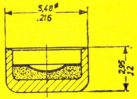
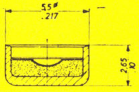
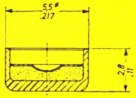
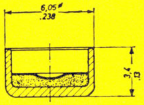
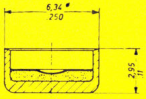


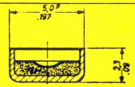
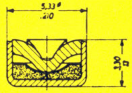
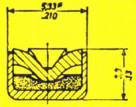
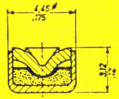
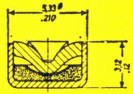
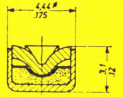
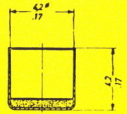
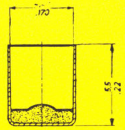
Lead Rhodanide-Chlorate-Priming Composition

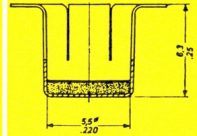
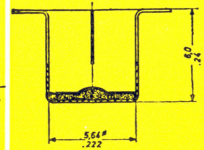
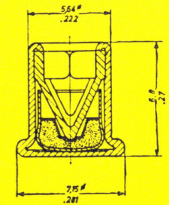
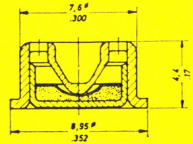
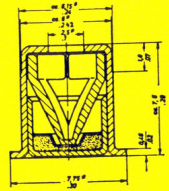
Priming Capacity of the SINOXID-Priming Composition

The great priming capacity of the SINOXID-Priming Composition can be proved by taking photographs of the flames. For comparison a mercury fulminate-chlorate mixture and a lead rhodanide-chlorate mixture were used, which, with equal quantities charged, give considerably smaller flames.

NEW
SHOTSHELL
PRIMERS
CONTAINS 100 PRIMERS
New Improved
SMALL PISTOL
PRIMERS
ANVIL TYPE
New Improved
LARGE PISTOL
PRIMERS
ANVIL TYPE
FULMINANTES

Berdan Type Primers	No.	Diameter minimum mm	Diameter minimum inch	Height of cap maximum mm	Height of cap maximum inch	shape of base	Thickness of base mm	Thickness of base inch	Top view 1 : 1	Section 2 : 1	Priming Composition	Powder to be used	Remarks	in boxes of
For Pistol Cartridges	4506	4,5	.177	2,2	.09	flat	0,40	.0157			SINOXID	smokeless	6,35	250
	5005	5,0	.197	2,2	.09	flat	0,40	.0157			SINOXID	smokeless	9 mm Para-bellum, 7,65 Walther etc. (Standard-primers)	250
For Rifle Cartridges	4520	4,5	.177	2,1	.08	flat	0,55	.217			SINOXID	smokeless	.22 Hornet 5,6x35 R —	250
	5500	5,48	.216	2,95	.12	flat	0,79	.0311			SINOXID	smokeless	Swed. Mauser — Kray Jörg. 6,5x55	250
	5620	5,5	.217	2,65	.10	flat	0,60	.0236			SINOXID	smokeless	RWS Caliber 5,6; 6,5; 7; 8; 9; 9,3; 10,75.	250
	5608	5,5	.217	2,8	.11	flat	0,70	.0276			SINOXID		.30 NATO (Standard-primers)	250
	6001	6,05	.238	3,4	.13	flat	0,70	.0276			SINOXID	smokeless	6,5x68 (R), 8x68 S	100
	6000	6,34	.250	2,95	.11	flat	0,79	.0311			SINOXID	smokeless	.303 British	100

Berdan Type Primers	No.	Diameter minimum mm	Diameter minimum inch	Height of cap maximum mm	Height of cap maximum inch	shape of base	Thickness of base mm	Thickness of base inch	Top view 1 : 1	Section 2 : 1	Priming Composition	Powder to be used	Remarks	in boxes of
Others	5004	5,0	.197	2,3	.09	flat	0,45	.0177			SINOXID	smokeless	Cattle Killing and blank Cartridges	250
Anvil Type Primers	5333	5,33	.210	3,3	.13	flat	0,64	.0252			SINOXID	smokeless	.375 Weatherby Magnum etc. (magnum primers)	250
For Large Rifle Cartridges	5341	5,33	.210	3,3	.13	flat	0,64	.0252			SINOXID	smokeless	.30–06–.300 H & H etc. (Standard-primers)	250
For Small Rifle Cartridges	4033	4,45	.175	3,12	.12	flat	0,50	.0197			SINOXID	smokeless	.22 Hornet — .222 Rem. — .223 etc. (Standard-primers)	250
For Large Pistol Cartridges	5337	5,33	.210	3,12	.12	flat	0,45	.0165			SINOXID	smokeless	.45 Colt etc. (Standard-primers)	250
For Small Pistol Cartridges	4031	4,44	.175	3,1	.12	flat	0,42	.0165			SINOXID	smokeless	.32 — .38 etc. (Standard-primers)	250
Percussion and Musket Caps	1075	4,2	.17	4,2	.17	flat	—				SINOXID	black powder	foil-lined ribbed	100
For Muzzle Loading Guns and Pistols	1055	4,2	.17	5,5	.22	flat	—				SINOXID	black powder	foil-lined ribbed	100

	No.	Diameter minimum mm	Diameter minimum inch	Height of cap maximum mm	Height of cap maximum inch	shape of base	Thickness of base mm	Thickness of base inch	Top view 1 : 1	Section 2 : 1	Priming Composition	Powder to be used	Remarks	in boxes of
Wing Musket Caps (Top Hats)	1218	5,5	.22	6,3	.25	flat	–				SINOXID	black powder	foil-lined lacquered 6 Flanges	100
	1081	5,64	.222	6,0	.24	flat	–				SINOXID	black powder	foil-lined lacquered 4 flanges	100
Primers for Shotshells (Battery Cup Type)	VI	5,64	.222	6,8	.27	flat	–				SINOXID	smokeless		100
	I	7,6	.300	4,4	.17	flat	–				SINOXID	smokeless		100
	RW 209 S	6,15	.242	7,5	.29	flat	–				SINOXID	smokeless		100

Please note that this list contains only a small section of our production program of primers. In case of major demands, special wishes will of course find due consideration

Production Program

ROTTWEIL-SHOTGUN-CARTRIDGES

ROTTWEIL-SHOTGUN-CARTRIDGES
WITH BRENNEKE SLUGS

RWS-CENTER FIRE RIFLE CARTRIDGES
- with soft point bullets
- with H-mantled bullets
- with D-mantled bullets
- with KS-bullets

RWS-RIM FIRE CARTRIDGES CAL. 22

RWS-RIM FIRE CARTRIDGES CAL. 22 MAGNUM

RWS-FLOBERT-CARTRIDGES

CB/BB Caps	cal. 6 mm
Blank Cartridges	cal. 6 mm
with ball	cal. 4, 6 and 9 mm
with shot	cal. 6 and 9 mm

RWS-CENTER FIRE BLANK CARTRIDGES
cal. .320 and .380 inch. = cal. 7 and 9 mm

RWS-CENTER FIRE PRACTICE AMMUNITION
cal. 4 mm M 20

RWS-PRECISION AIRGUN PELLETS

RWS-SAFETY CARTRIDGES
for Cattle Killing Tools cal. 9 mm

RWS-SAFETY CARTRIDGES
for Power Driving Tools
(Stud fasteners) cal. .22, .25, 10 mm

GECO-REVOLVER AND PISTOL CARTRIDGES

DYNAMIT NOBEL AKTIENGESELLSCHAFT · SALES DEPARTMENT 4 · EXPORT · KÖLN

Gestaltung A. Rühle 254/50/11/6717 E